



RENNER, OTTO, BOISSELLE & SKLAR

Attorney Docket No. SCHWP0187USA

**PATENT (OUS)**

**COMBINED DECLARATION AND POWER OF ATTORNEY**  
(ORIGINAL, DESIGN, NATIONAL STAGE OF PCT)

As a below named inventor, I hereby declare that my residence, post office address and citizenship are as stated below next to my name; and I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

Title: **PLANNING AND NAVIGATION ASSISTANCE USING TWO-DIMENSIONALLY ADAPTED GENERIC AND DETECTED PATIENT DATA**

the specification of which

☒ is attached hereto, or

☐ was filed as United States Application or PCT International Application (give Express Mail label number and deposit date if Application number not yet known):

Application No.: 10/811,330  
(Express Mail Label No.)

Filing Date: March 26, 2004  
(Deposit Date)

Amended on (if applicable):

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations §1.56(a).

**PRIORITY CLAIM**

I hereby claim priority benefits under Title 35, United States Code, §119 of (i) any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed; and (ii) any United States provisional application(s) that is/are listed below.

☐ no such applications have been filed.

☒ such applications have been filed as follows.

**EARLIEST FOREIGN/PROVISIONAL APPLICATION(S), IF ANY FILED WITHIN 12 MONTHS  
(6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION**

COUNTRY	APPLICATION NUMBER	DATE OF FILING (day, month, year)	PRIORITY CLAIMED	
			Yes	No
EP	03 006 782.1	March 26, 2003	X	
US	60/494,935	August 13, 2003	X	

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(6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION**

**POWER OF ATTORNEY**

As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. (List name and registration number)

Armand P. Boisselle, Reg. No. 22,381; Warren A. Sklar, Reg. No. 26,373; Don W. Bulson, Reg. No. 28,192

The undersigned to this declaration and power of attorney hereby authorizes the U.S. attorney(s) named herein to accept and follow instructions from

Authorized representative: Schwabe Sandmair Marx, Stuntzstraße 16, D-81677 München, Germany

as to any actions to be taken in the Patent and Trademark Office regarding this application without direct communication between the U.S. attorney(s) and the undersigned. In the event of a change in the person(s) from whom instructions may be taken, the U.S. attorney(s) will be so notified by the undersigned.

**Send Correspondence To**

Don W. Bulson, Esq.  
Renner, Otto, Boisselle & Sklar, P.L.L.  
1621 Euclid Ave., 19th Floor  
Cleveland, Ohio 44115

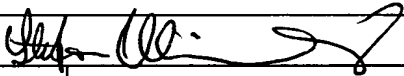
**Direct Telephone Calls To:**

(name and telephone number)

Don W. Bulson

(216) 621-1113

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with knowledge that willful false statements and the like are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

<b>Full Name of Sole or First Inventor:</b> Stefan Vilsmeier			
<b>Inventor's signature:</b>		<b>Date:</b>	April 5, 2004
<b>Residence: (City &amp; State/Country):</b>	Kufstein, Austria	<b>Citizenship:</b>	German
<b>Post Office Address:</b>	Oberer Stadtplatz 6 6330 Kufstein AUSTRIA		

<b>Full Name of Additional Joint Inventor (if any):</b> Mario Zeiss			
<b>Inventor's signature:</b>		<b>Date:</b>	
<b>Residence: (City &amp; State/Country):</b>	Roppongi, Minato-ku Tokyo	<b>Citizenship:</b>	German
<b>Post Office Address:</b>	Izumi Garden Residence #508 1-5-3 Roppongi, Minato-ku, Toyko 106-6005 JAPAN		

**CHECK FOR ANY OF THE FOLLOWING ADDED PAGE(S) WHICH  
FORM A PART OF THIS DECLARATION**

- ☒ Signature for additional joint inventors.  
☐ Added page to combined declaration and power of attorney for divisional, continuation, or continuation-in-part (CIP) application.  
☐ This declaration ends with this page.

**ADDED PAGE TO COMBINED DECLARATION AND POWER OF ATTORNEY  
FOR SIGNATURE BY THIRD AND SUBSEQUENT INVENTORS**

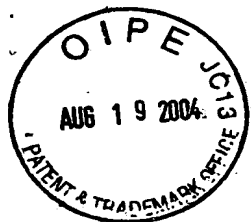
<b>Full Name of Additional Joint Inventor (if any):</b> Dr. Claus Schaffrath			
Inventor's signature:	<i>Claus Schaffrath</i>	Date:	<i>March 9, 2004</i>
Residence: (City & State/Country):	München, Germany	Citizenship:	German
Post Office Address:	Waldfriedhofstr. 18 81377 München GERMANY		

<b>Full Name of Additional Joint Inventor (if any):</b> Thomas Feilkas			
Inventor's signature:	<i>Thomas Feilkas</i>	Date:	<i>March 10, 2004</i>
Residence: (City & State/Country):	Grafring, Germany	Citizenship:	German
Post Office Address:	Hammerschmiede 19 85567 Grafring GERMANY		

<b>Full Name of Additional Joint Inventor (if any):</b>			
Inventor's signature:		Date:	
Residence: (City & State/Country):		Citizenship:	
Post Office Address:			

<b>Full Name of Additional Joint Inventor (if any):</b>			
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Residence: (City & State/Country):		Citizenship:	
Post Office Address:			



RENNER, OTTO, HIRSHEL & KLAR

Attorney Docket No. SCHWP0187USA

PATENT (OUS)

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**TITLE: PLANNING AND NAVIGATION ASSISTANCE USING TWO-DimensionALLY ADAPTED GENERIC  
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☒ is attached hereto, or

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(Express Mail Label No.)

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48042

RENNER, OTTO, BOISSELLE & SKLAR

POWER OF ATTORNEY

As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. (List name and registration number)

Armand P. Boisselle, Reg. No. 22,381; Warren A. Sklar, Reg. No. 26,373; Don W. Bulson, Reg. No. 28,192

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as to any actions to be taken in the Patent and Trademark Office regarding this application without direct communication between the U.S. attorney(s) and the undersigned. In the event of a change in the person(s) from whom instructions may be taken, the U.S. attorney(s) will be so notified by the undersigned.

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Direct Telephone Calls To:

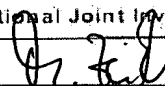
(name and telephone number)

Don W. Bulson, Esq.  
Renner, Otto, Boisselle & Sklar, P.L.L.  
1621 Euclid Ave., 19th Floor  
Cleveland, Ohio 44115

Don W. Bulson  
(216) 621-1113

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with knowledge that willful false statements and the like are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of Sole or First Inventor: Stefan Vilsmeier			
Inventor's signature:		Date:	
Residence: (City & State/Country):	Kufstein, Austria	Citizenship:	German
Post Office Address:	Oberer Stadtplatz 6 6330 Kufstein AUSTRIA		

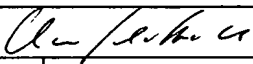
Full Name of Additional Joint Inventor (if any): Mario Zeiss			
Inventor's signature:		Date:	17.03.2004
Residence: (City & State/Country):	Roppongi, Minato-ku Tokyo	Citizenship:	German
Post Office Address:	Izumi Garden Residence #508 1-5-3 Roppongi, Minato-ku, Tokyo 106-6005 JAPAN		

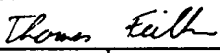
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- ☒ Signature for additional joint inventors.
- ☐ Added page to combined declaration and power of attorney for divisional, continuation, or continuation-in-part (CIP) application.
- ☐ This declaration ends with this page.

Z:\SEC\52152\DWB\SCHWAFER\0157\0167\USA DEC.wd D-QUS-1 (7-20-99)

**ADDED PAGE TO COMBINED DECLARATION AND POWER OF ATTORNEY  
FOR SIGNATURE BY THIRD AND SUBSEQUENT INVENTORS**

<b>Full Name of Additional Joint Inventor (if any):</b> Dr. Claus Schaffrath			
Inventor's signature:		Date:	June 9, 2004
Residence: (City & State/Country):	München, Germany	Citizenship:	German
Post Office Address:	Waldfriedhofstr. 18 81377 München GERMANY		

<b>Full Name of Additional Joint Inventor (if any):</b> Thomas Feilkas			
Inventor's signature:		Date:	March 10, 2004
Residence: (City & State/Country):	Grafring, Germany	Citizenship:	German
Post Office Address:	Hammerschmiede 19 85567 Grafring GERMANY		

<b>Full Name of Additional Joint Inventor (if any):</b>			
Inventor's signature:		Date:	
Residence: (City & State/Country):		Citizenship:	
Post Office Address:			

<b>Full Name of Additional Joint Inventor (if any):</b>			
Inventor's signature:		Date:	
Residence: (City & State/Country):		Citizenship:	
Post Office Address:			

<b>Full Name of Additional Joint Inventor (if any):</b>			
Inventor's signature:		Date:	
Residence: (City & State/Country):		Citizenship:	
Post Office Address:			



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re PATENT application of:

Applicants: Stefan Vilsmeier et al.  
Serial No: 10/811,330  
Filed: March 26, 2004  
Title: PLANNING AND NAVIGATION ASSISTANCE USING TWO-Dimensionally  
ADAPTED GENERIC AND DETECTED PATIENT DATA

Art Unit:  
Examiner:

Attorney Docket No. SCHWP0187USA

**POWER OF ATTORNEY BY ASSIGNEE OF ENTIRE INTEREST**  
(REVOCATION OF PRIOR POWERS AND EXCLUSION OF INVENTIVE ENTITY)

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

The assignee of the entire right, title and interest of the above identified patent application, by virtue of an assignment, ☒ copy attached ☐ recorded in the Patent and Trademark Office at Reel <REEL>, Frame <FRAME>, hereby revokes all powers of attorney previously given and hereby appoints the following attorneys to prosecute and transact all business in the Patent and Trademark Office connected with the above referenced application and to the exclusion of the inventive entity or any prior assignees.

Don W. Bulson, Registration No. 28,192

Send correspondence and direct telephone calls to:

Don W. Bulson, Esq.  
RENNER, OTTO, BOISSELLE & SKLAR  
1621 Euclid Avenue, 19th Floor  
Cleveland, Ohio 44115  
Tel: 216-621-1113  
Fax: 216-621-6165

The undersigned has reviewed all the documents in the chain of title of the patent application identified above and, to the best of the undersigned's knowledge and belief, title is in the assignee identified below.

The undersigned further declares that he is empowered to act on behalf of the assignee, and that all statements made herein of his own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements are made with the knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

BrainLAB AG

Date: 3.3.04

By: [Signature]  
Name: Rainer Birkenbach  
Title: Vice President



48 042 XV

Attorney Docket No. SCHWP0187USA

# ASSIGNMENT OF APPLICATION FOR PATENT

## WHEREAS:

NAME(S) AND  
ADDRESS(ES) OF  
INVENTOR(S)

Stefan Vilsmeier  
Oberer Stadtplatz 6  
6330 Kufstein  
Austria

Mario Zeiss  
Izumi Garden Residence #508 1-5-3  
Roppongi Minato-ku, Toyko 106-6005  
Japan

Dr. Claus Schaffrath  
Waldfriedhofstr. 18  
81377 München  
Germany

Thomas Feilkas  
Hammerschmiede 19  
85567 Grafing  
Germany

(hereinafter referred to as ASSIGNOR), have invented a certain invention entitled:

TITLE OF  
INVENTION

PLANNING AND NAVIGATION ASSISTANCE USING TWO-DimensionALLY  
ADAPTED GENERIC AND DETECTED PATIENT DATA

for which application for Letters Patent of the United States has been:

[authorization is hereby given for any attorney of record in the subject patent application to insert below the application number and filing date information for this application when that information becomes available]

PARTICULARS OF  
APPLICATION

☐ executed concurrently herewith,  
☒ filed under U.S. Application No. 10/811,330 on March 26, 2004,  
☐ filed under PCT Application No. \_\_\_\_\_ on \_\_\_\_\_, or  
☐ filed under Express Mail Label No. \_\_\_\_\_ on \_\_\_\_\_.

## WHEREAS:

NAME, STATE OF  
INCORPORATION  
AND ADDRESS OF  
ASSIGNEE

BrainLAB AG  
Ammerthalstr. 8  
85551 Kirchheim/Heimstetten  
GERMANY

(hereinafter referred to as ASSIGNEE), is desirous of acquiring the entire interest in, to and under said invention and the United States Letters Patent to be obtained therefor.

Now, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that for One Dollar (\$1.00) and other good and valuable consideration, receipt of which is hereby acknowledged, ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE, its successors and assigns, the entire right, title and interest to said invention so far as concerns the United States and the Territories and Possessions thereof, including the right to claim priority, and said application and all Letters Patent of the United States to be obtained on said application or any continuation, division, renewal, substitute or reissue thereof for the full term or terms for which the same may be granted.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale.

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent as may be known and accessible to ASSIGNOR and



will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain and enforce said application, said invention and said Letters Patent which may be necessary or desirable to carry out the purposes hereof.

FULL NAME(S) OF  
INVENTORS(S)


Date April 5, 2004

  
Stefan Vilsmeier

Date \_\_\_\_\_

Mario Zeiss

Date March 9, 2004

  
Dr. Claus Schaffrath

Date March 10, 2004

  
Thomas Feilkas

Z:\SEC152\152\DWB\ISCHW\PIP0187\P0187USA.ASSN.wpd (A-OUS-4.A4) (1/99)



Attorney Docket No. SCHWP0187USA

48 042

ASSIGNMENT OF APPLICATION FOR PATENT

WHEREAS:

NAME(S) AND  
ADDRESS(ES) OF  
INVENTOR(S)

Stefan Vilsmeier  
Oberer Stadtplatz 6  
6330 Kufstein  
Austria

Mario Zeiss  
Izumi Garden Residence #508 1-5-3  
Roppongi Minato-ku, Tokyo 106-6005  
Japan

Dr. Claus Schaffrath  
Waldfriedhofstr. 18  
81377 München  
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Thomas Feilkas  
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☐ filed under Express Mail Label No. \_\_\_\_\_ on \_\_\_\_\_

WHEREAS:

NAME, STATE OF  
INCORPORATION  
AND ADDRESS OF  
ASSIGNEE

BrainLAB AG  
Ammerthalstr. 8  
85551 Kirchheim/Heimstetten  
GERMANY

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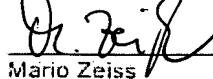
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FULL NAME(S) OF  
INVENTOR(S)

Date \_\_\_\_\_

Stefan Vilsmeier

Date 12.03.2004

  
Mario Zeiss

Date \_\_\_\_\_

Dr. Claus Schaffrath

Date \_\_\_\_\_

Thomas Feilkas

Z:\SEC\12\10\DWB\BISCHWIP\PD167\PD167J5A.ASSN.doc (A-QUS-4A4) (195)